

Recombinant Human VEGFR2/Flk-1/KDR Protein (His & GSTTag)

RPES2114

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES2114

Purity: > 78 % as determined by reducing SDS-PAGE.

Contents: 50µg
Bradford Reagent: 1 vial (2ml)

Concentration: Subject to label value.

Species: Human

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Synonyms: CD309, FLK-1, FLK1, Fetal liver kinase 1, Flk-1, KDR, Kinase insert domain receptor, Protein-tyrosine kinase receptor flk-1, VEGFR, VEGFR-2, VEGFR2, Vascular endothelial growth factor receptor 2

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Store Bradford Reagent at Room Temperature for 1 year.

Tag: N-His-GST

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.

Expression Host: Baculovirus-Insect Cells

Bio-Activity: The specific activity was determined to be 10 nmol/min/mg using Poly(Glu, Tyr) 4:1 as substrate.

Calculated MW: 89.3 kDa

Formulation: Supplied as sterile solution of 50mM Tris, 100mM NaCl, pH 8.0, 10% glycerol, 2mM GSH

Observed MW: 110 kDa

Reconstitution: -

Accession: NP_002244

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Source: Baculovirus-Insect Cells-derived Human VEGFR2/Flk-1/KDR protein

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Asp807-Val1356, with an N-terminal His & GST

Sequence: Asp807-Val1356

Notes: Centrifuge before opening to ensure complete recovery of vial contents.

Form: Liquid